

Comparisons of Job Characteristics

Focus Occupation: [Medical Equipment Preparers \(31-9093\)](#)

Associated Occupation: [Surgical Technologists \(29-2055\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Medical Equipment Preparers (31-9093)

Associated Occupation: Surgical Technologists (29-2055)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Medicine and Dentistry	3.7	15.2	8.4	<< Extensive education and/or training may be required
Customer and Personal Service	11.3	13.2	16.9	>> Current knowledge level is likely more than sufficient
Biology	3.7	9.2	6.0	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Medical Equipment Preparers (31-9093)

Associated Occupation: Surgical Technologists (29-2055)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Coordination	9.1	11.6	8.5	<< Extensive development of skills in this area may be required
Operation Monitoring	6.6	10.6	9.8	0 Current skill level may be sufficient
Equipment Maintenance	3.5	6.9	7.4	0 Current skill level may be sufficient
Management of Material Resources	3.7	6.5	4.2	<< Extensive development of skills in this area may be required
Equipment Selection	3.3	5.6	5.5	0 Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 93

Focus Occupation: Medical Equipment Preparers (31-9093)

Associated Occupation: Surgical Technologists (29-2055)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Arm-Hand Steadiness	6.8	11.4	10.6	0	Current ability level may be sufficient
Manual Dexterity	6.5	11.4	8.6	<<	Extensive improvement in abilities may be required
Selective Attention	8.7	11.4	9.0	<	Some improvement in abilities may be required
Far Vision	7.8	11.2	7.2	<<	Extensive improvement in abilities may be required
Perceptual Speed	7.4	11.0	8.6	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	10.5	8.4	<	Some improvement in abilities may be required
Hearing Sensitivity	5.6	9.0	6.8	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	8.8	6.6	<<	Extensive improvement in abilities may be required
Time Sharing	6.6	8.6	6.7	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Medical Equipment Preparers (31-9093)

Associated Occupation: Surgical Technologists (29-2055)

Work Activities	Exclusivity of Activity
Inventory medical supplies or instruments	67
Lift or transport ill or injured patients	69
Prepare supplies or equipment for surgery	89

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 67

Focus Occupation: Medical Equipment Preparers (31-9093)

Associated Occupation: Surgical Technologists (29-2055)

Tools and Technologies	Exclusivity
------------------------	-------------

Autoclave and sterilizer equipment and accessories	12
Computers	1
Content authoring and editing software	1
Data management and query software	1
Information exchange software	1
Presterilization cleaning equipment and solutions	24

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.